SUNDSTAR 5597ST

MODEL

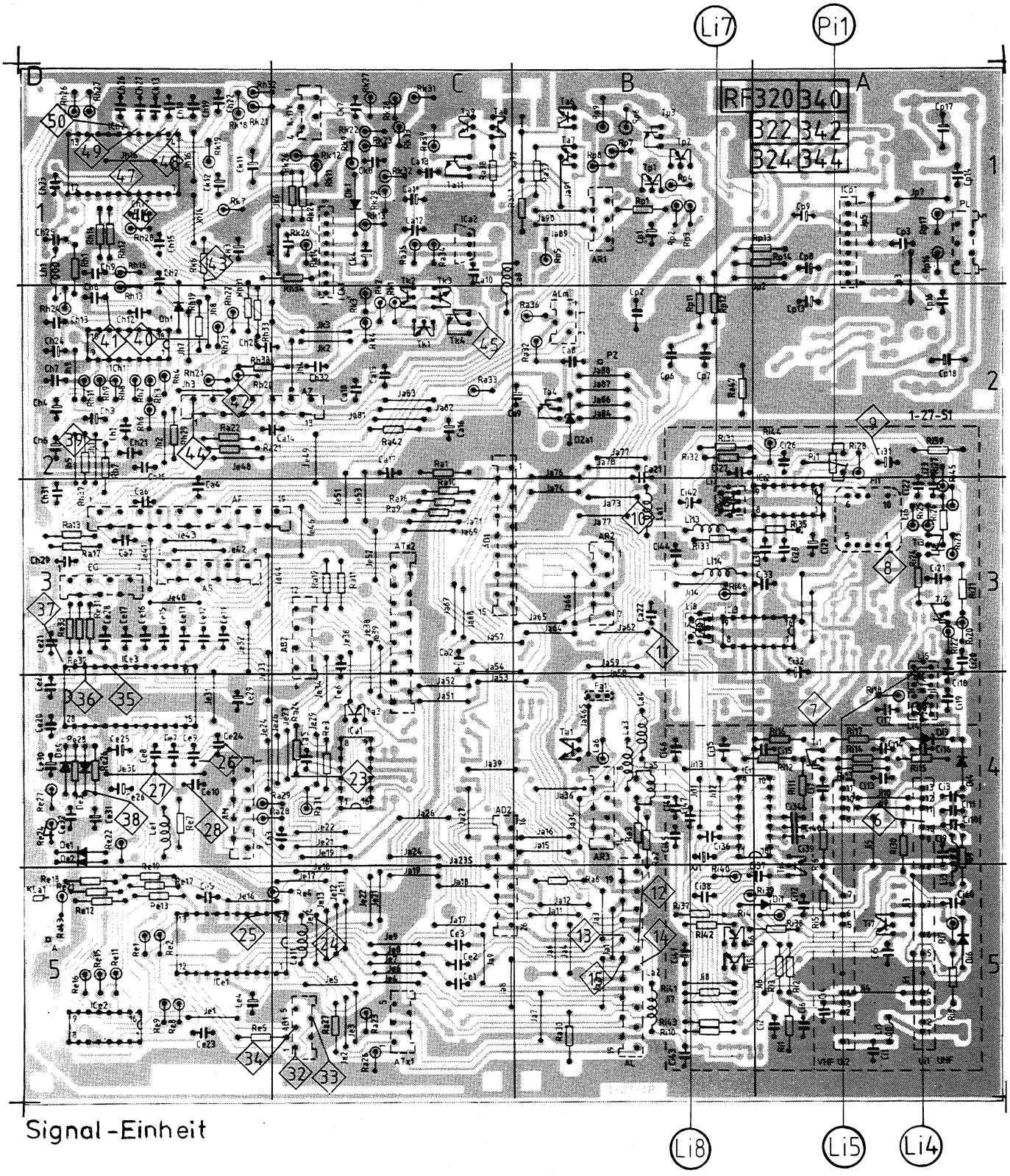
SERVICE MANUAL

Notizen

RF 320 (726 775 0)

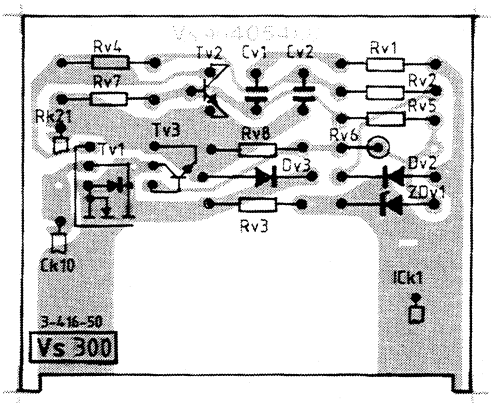
RF 322 (727 760 1)

RF 324 (726 702 4)



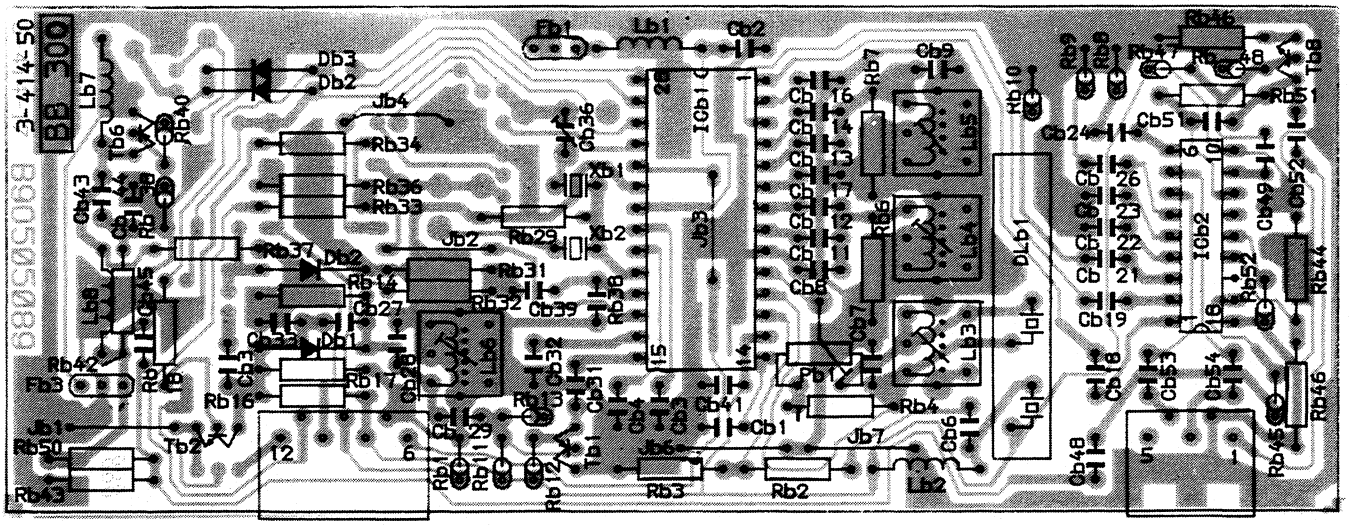
Signal-Einheit

VS 300 (727 064 8)



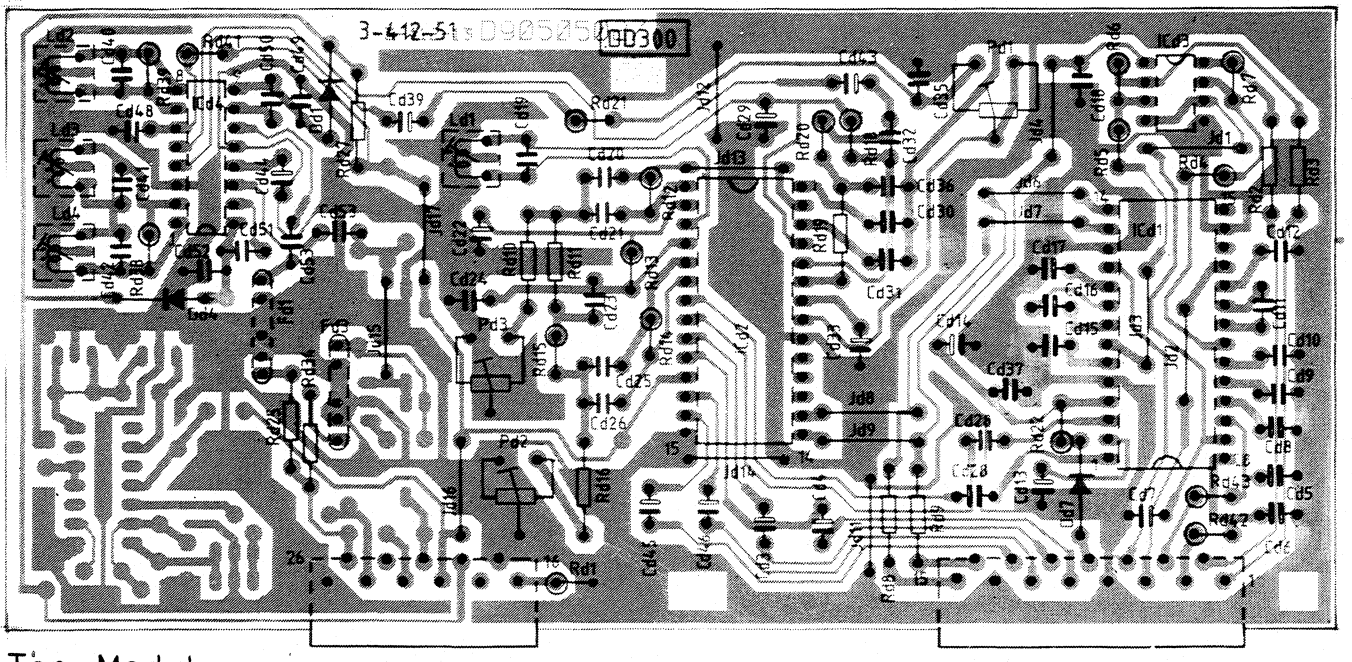
Vertikal-Schalt-Modul

BB 300 (726 706 5)

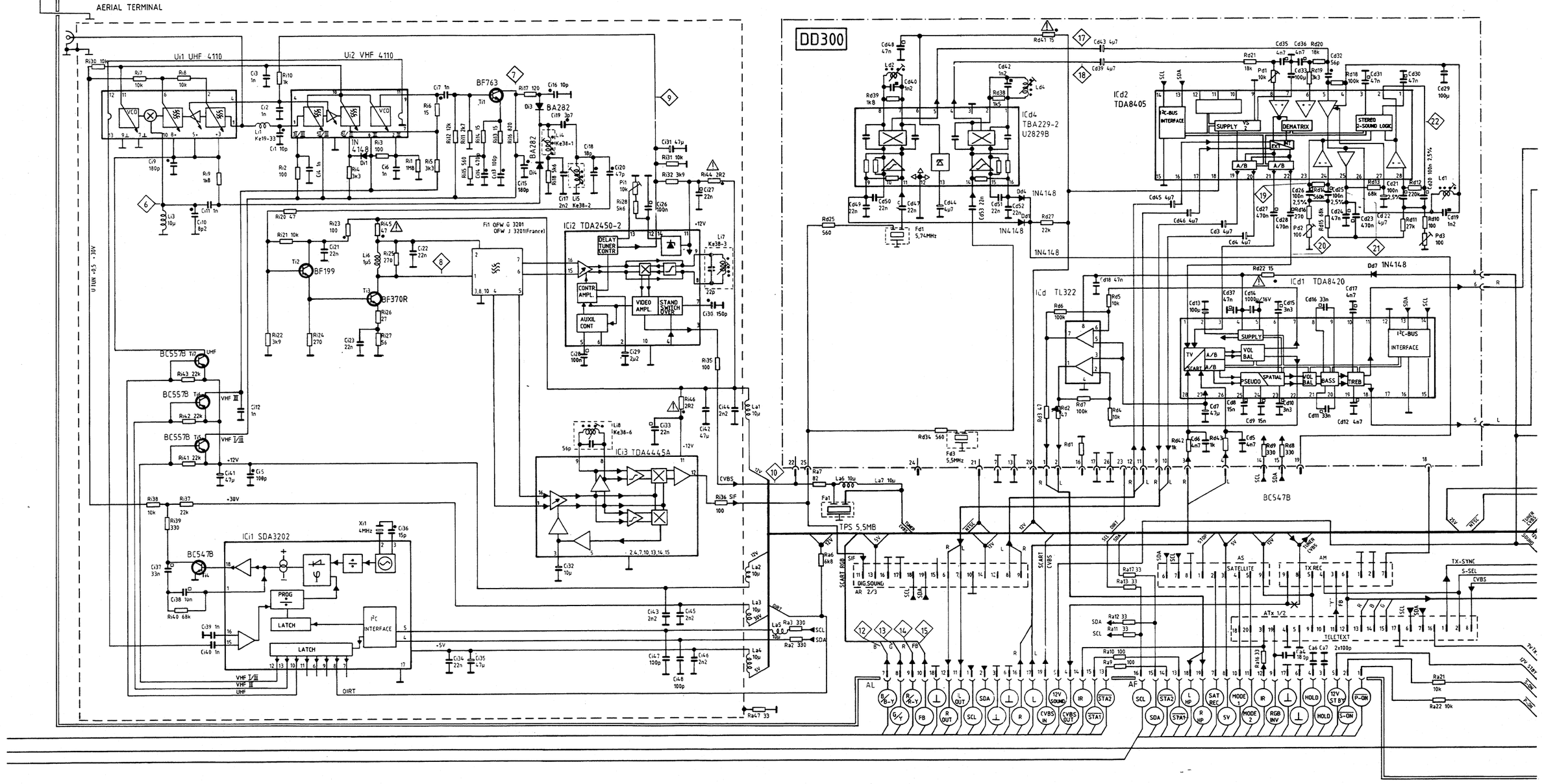


Farbdecoder-Modul

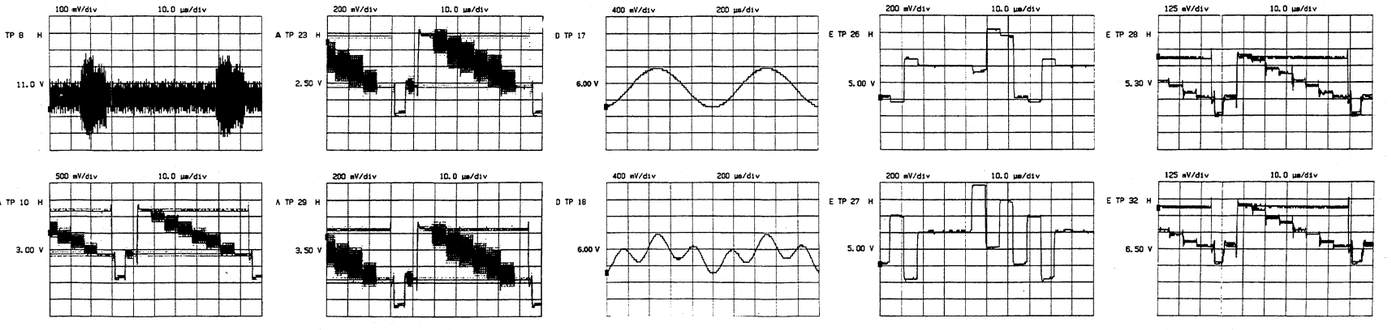
DD 300 (726 705 7)



Ton-Modul



Best.-Nr. 020.013 9/014 7 FT 7174 B
020.015 4 FT 7186
020.012 1 FT 7191


I TP 8 H 100 mV/div 10.0 µs/div 11.0 V
A TP 23 H 200 mV/div 10.0 µs/div 2.50 V
D TP 17 400 mV/div 200 µs/div 6.00 V
E TP 26 H 200 mV/div 10.0 µs/div 5.00 V
E TP 28 H 125 mV/div 10.0 µs/div 5.30 V
A TP 10 H 500 mV/div 10.0 µs/div 3.00 V
A TP 29 H 200 mV/div 10.0 µs/div 3.50 V
D TP 18 400 mV/div 200 µs/div 6.00 V
E TP 27 H 200 mV/div 10.0 µs/div 5.00 V
E TP 32 H 125 mV/div 10.0 µs/div 6.50 V

RF320
322
324

TOSHIBA 15W SOUND
PHILIPS 15W SOUND
VIDEOCOLOR 15W SOUND

BB300

ICd TL322
ICd1 TDA8420
ICd2 TDA8405
ICd4 TBA229-2 U2829B
ICp1 TDA4935
ICb1 TDA4555
ICb2 TDA4565
ICe1 TDA8443A
ICe2 TDA8444
ICe3 TDA3505
2/3xICa1 4053

6 7 8

	RF324	RF320	RF322
**	Videocolor CRT	Toshiba CRT	Philips CRT
Ck12	-	22µ 35V	22µ 35V
Rk13	560 1/4W	220 1/4W	560 1/4W
Rk19	-	470 1/4W	470 1/4W
Rk21	4k7	5k1	4k7 1/4W
Rk24	2R7 1/4W	2R2 1/4W	2R2 1/4W
Rk26	2R7 1/4W	2R2 1/4W	2R2 1/4W
Vs300	no	yes	no

B/B-Y =BLUE OR B-Y COLOUR DIFFERENCE SIGNAL

G/Y =GREEN OR LUMINANCE SIGNAL

R/R-Y =RED OR R-Y COLOUR DIFFERENCE SIGNAL

FB =FAST BLANKING SIGNAL

R OUT =RIGHT AUDIO CHANNEL

L OUT =LEFT AUDIO CHANNEL

SCL =SERIAL CLOCK

SDA =SERIAL DATA

R IN =RIGHT AUDIO CHANNEL

L IN =LEFT AUDIO CHANNEL

CVBS IN =VIDEO SIGNAL

CVBS OUT =VIDEO SIGNAL

RC =REMOTE CONTROL

STA1 =STATUS FROM SCART 1

STA2 =STATUS FROM SCART 2

L HP =LEFT AUDIO CHANNEL FOR HEADPHONES

R HP =RIGHT AUDIO CHANNEL FOR HEADPHONES

SAT COPY =SATELLITE COPYING

MODE 1 =MODE INFORMATION 1

MODE 2 =MODE INFORMATION 2

RGB INV =RGB INVERTING

HOLD =PROCESSOR DISCONNECTING FROM I²C-BUS

P-ON =PICTURE ON DRIVING VOLTAGE 12 V

S-ON =SOUND ON DRIVING VOLTAGE 12 V

BC =BLACK CURRENT

EW =EAST-WEST RASTER CORRECTION

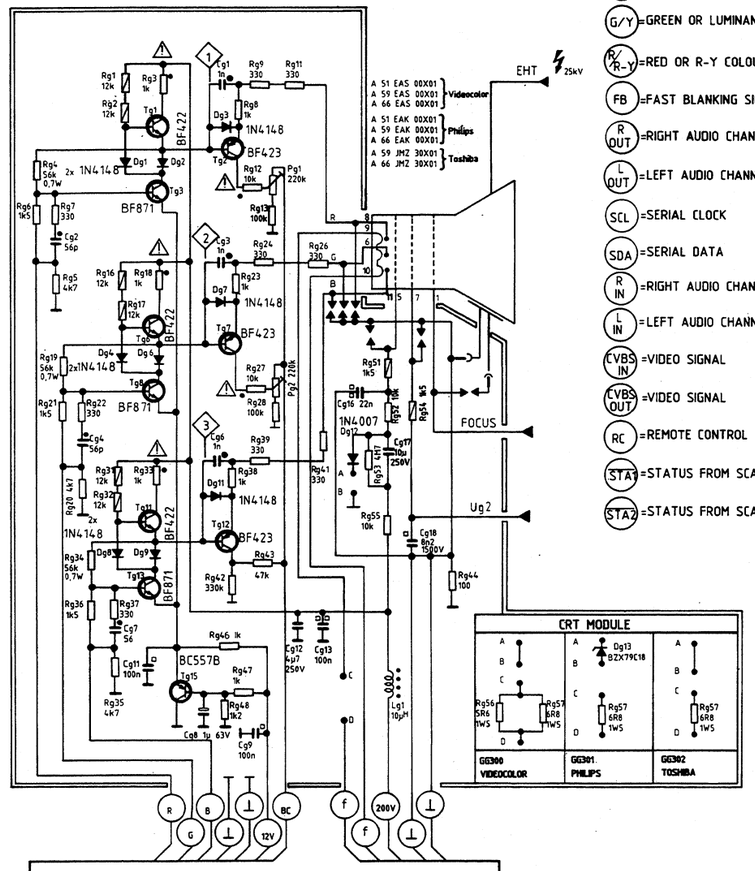
BCL =BEAM CURRENT LIMITING VOLTAGE

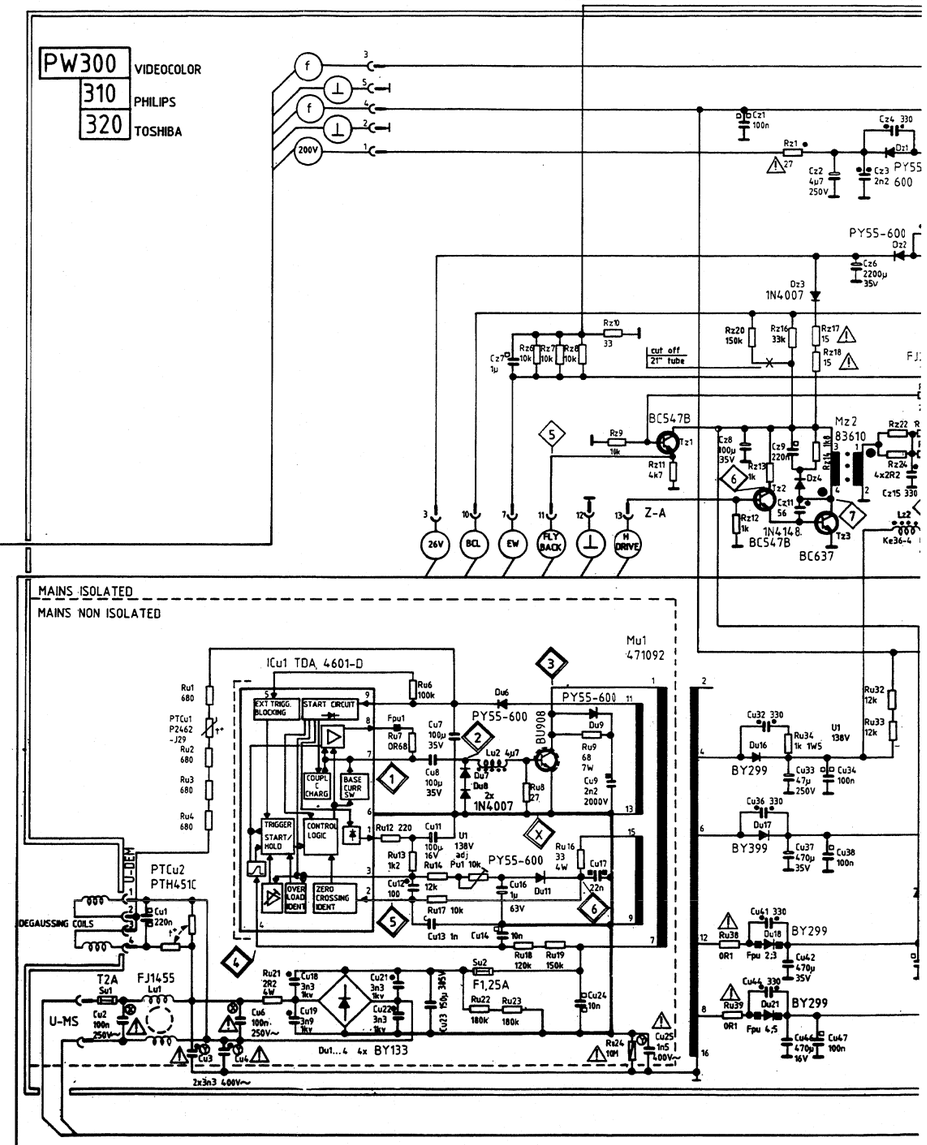
7V TXT =SUPPLY VOLTAGE FOR TELETEXT MODULE

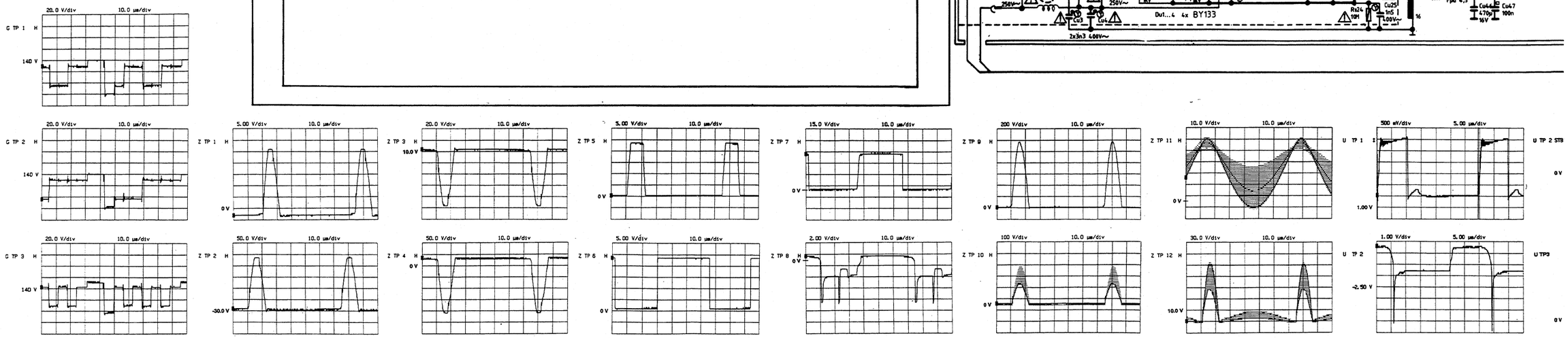
H FLYB =LINE FLYBACK

H DRIVE =DRIVE PULSES FOR LINE OUTPUT STAGE

f =FILAMENT VOLTAGE FOR CRT







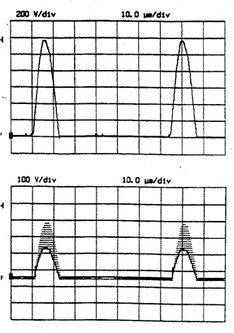
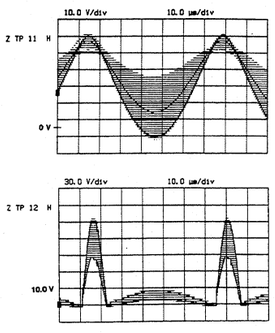
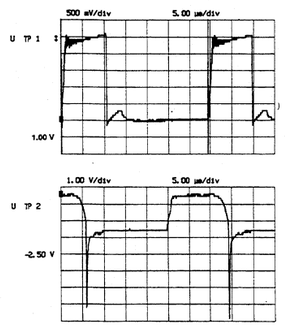
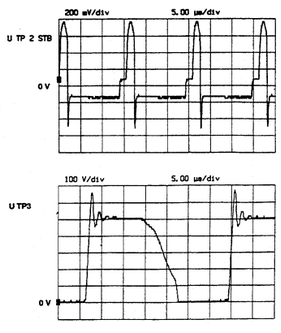
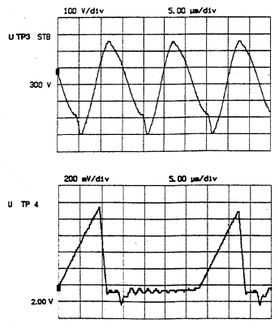
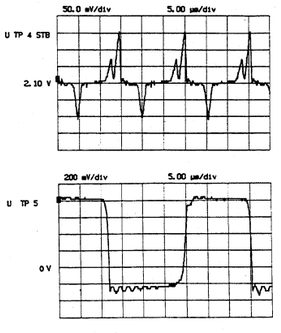
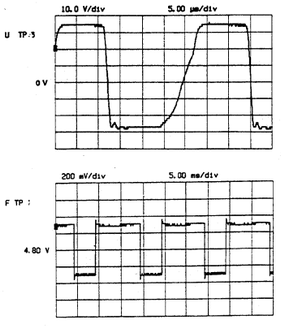
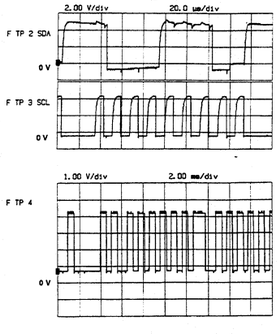
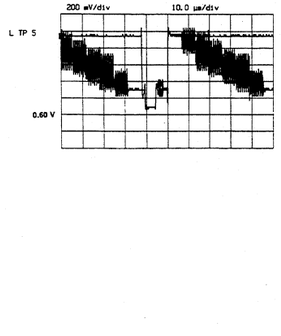
300 VIDEOCOLOR
310 PHILIPS
320 TOSHIBA

to LL-mod.

ISOLATED
NON ISOLATED

FC300
YC300
NC300
LL300

J 03303704

LL300

LL310 ONLY IN TV SETS EQUIPPED WITH ONE SCART

ICf1 SDA2526

ICf2 SDA 2080

ICj1 TDA4050B

IC11 TDA8440

IC12 TDA8440

3x BC327-25

BC547B

BC557B

1N4148

2x BC547B

2x BC547B

U TP 3

5.00 µs/div

10.0 V/div

5.00 µs/div

F TP 2 SDA

2.00 V/div

20.0 µs/div

0 V

F TP 3 SCL

0 V

L TP 5

200 mV/div

10.0 µs/div

0.60 V

F TP 1

5.00 µs/div

200 mV/div

5.00 ms/div

4.80 V

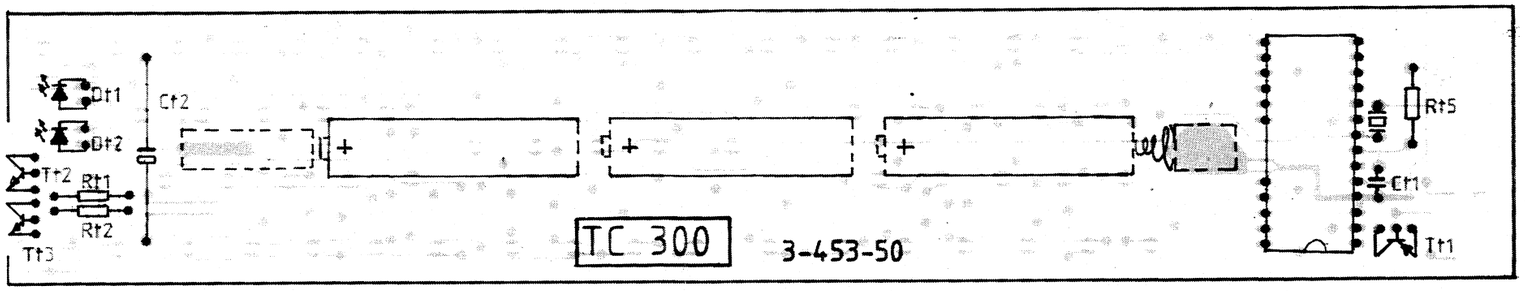
F TP 4

1.00 V/div

2.00 ms/div

0 V

TC 300 (726 704 0)

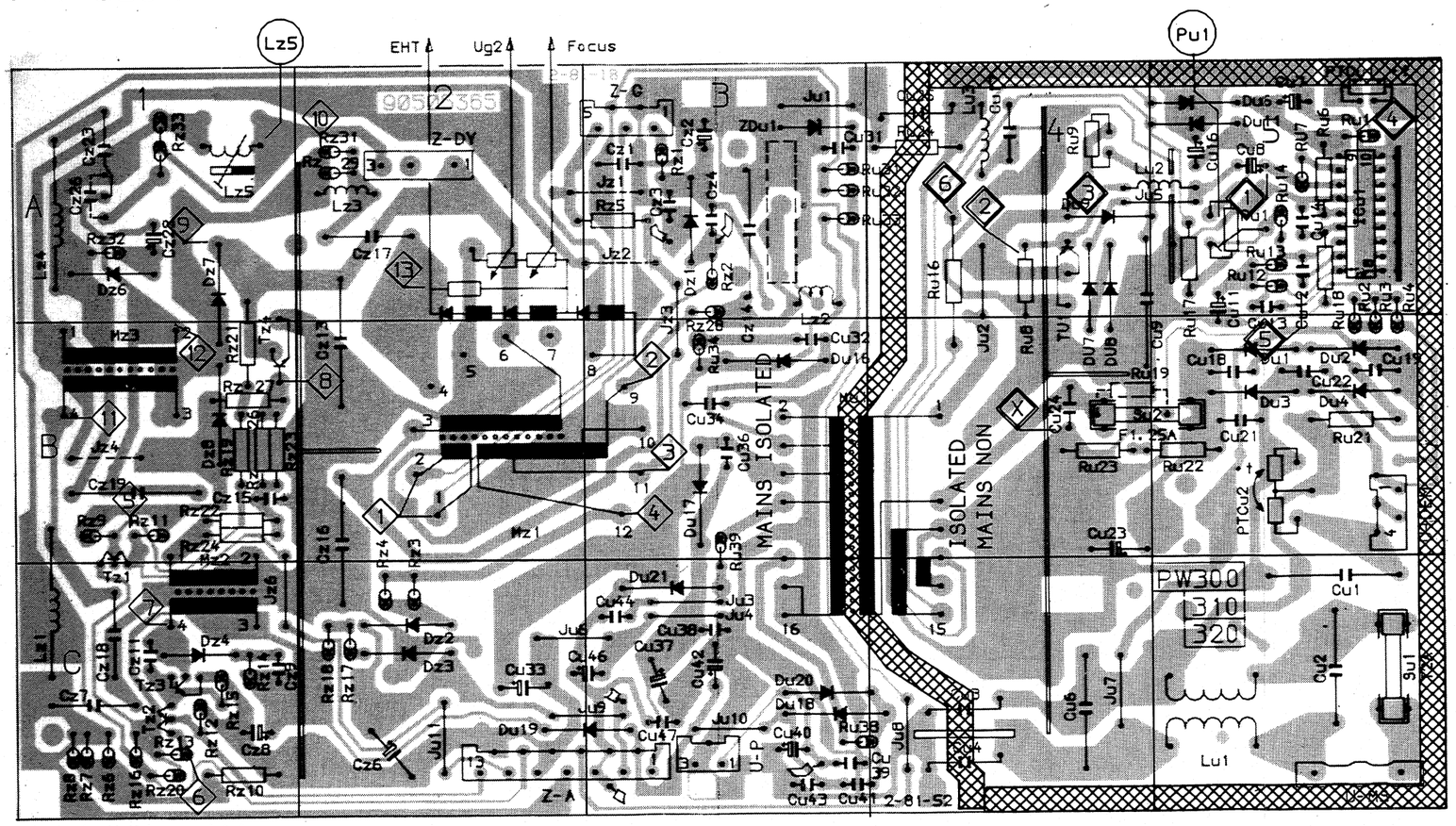


Fernbedienungs-Modul

PW 300 (726 703 2)

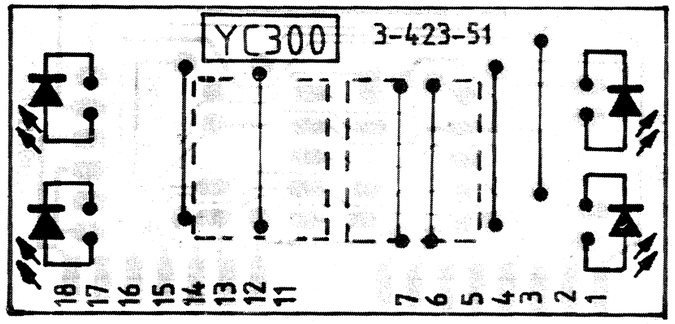
PW 310 (727 761 9)

PW 320 (726 776 8)



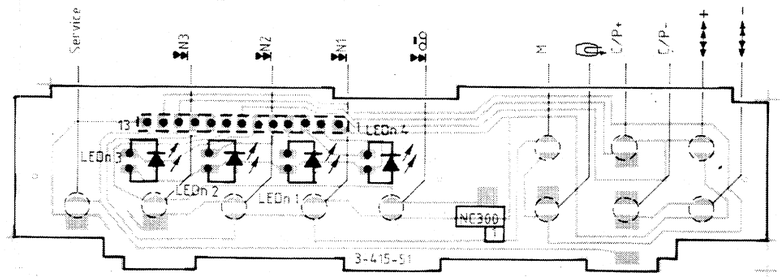
Netzteil/Hor. Abl.

YC 300 (726 708 1)



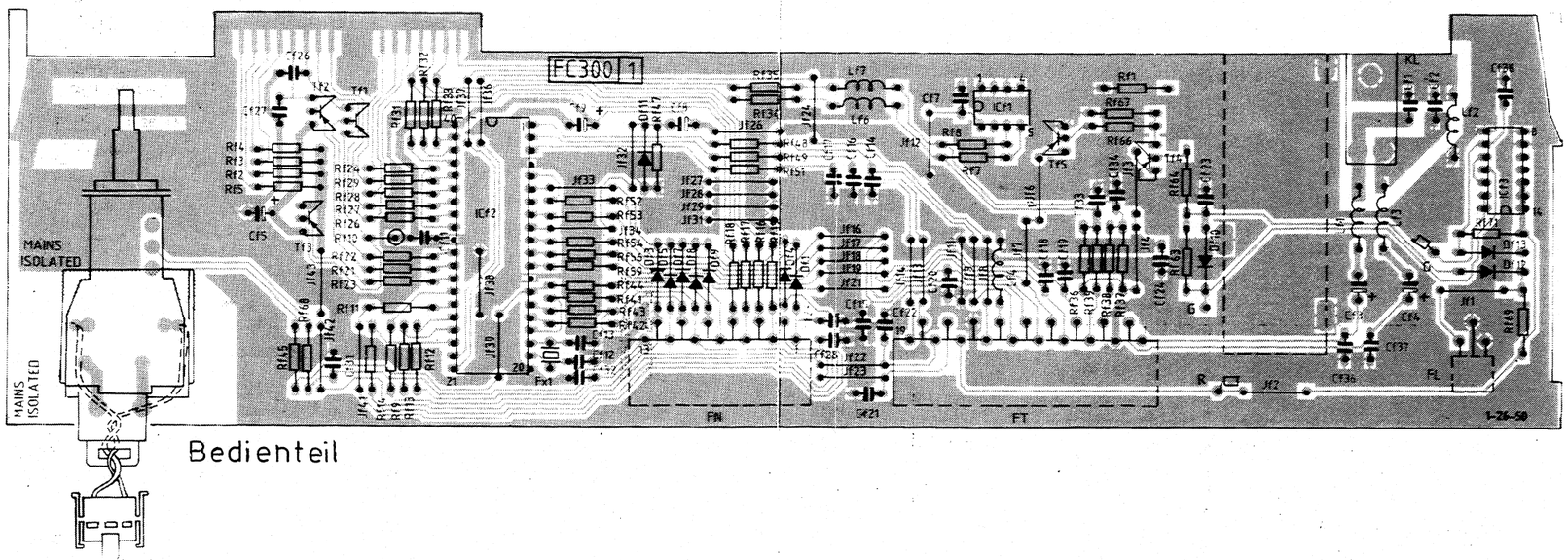
Anzeigemodul

NC 301 (726 709 9)



Tastatur

FC 300 (726 707 3)

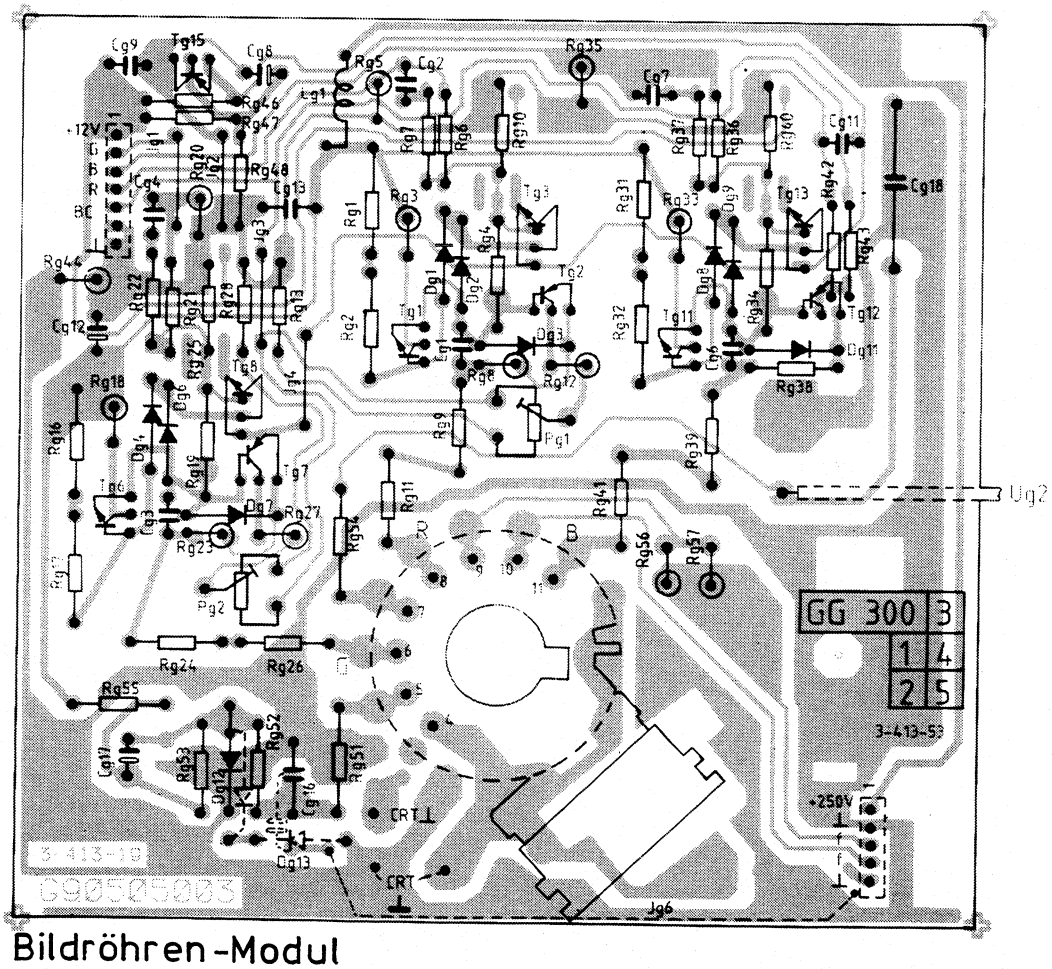


Bedienteil

GG 302 (726 777 6)

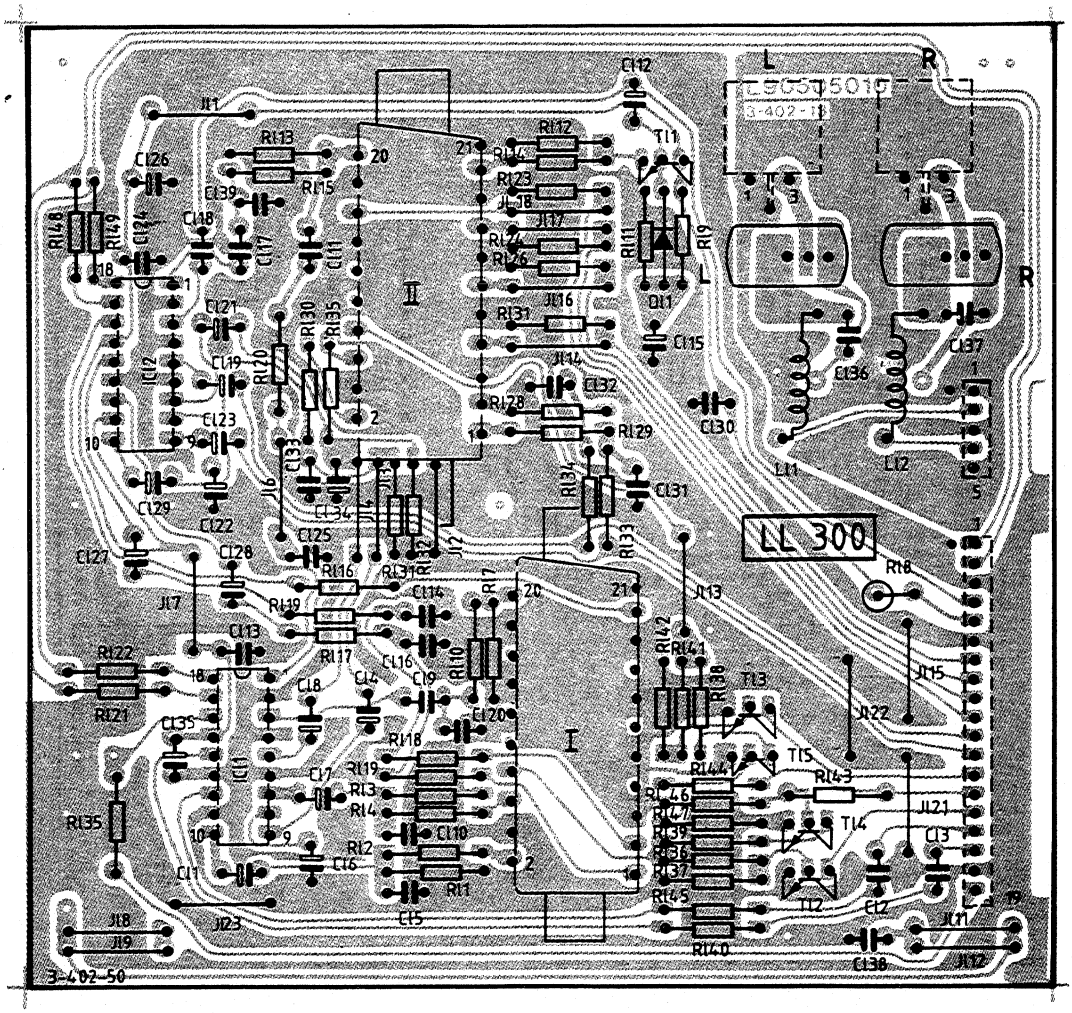
GG 301 (727 762 7)

GG 300 (726 710 7)

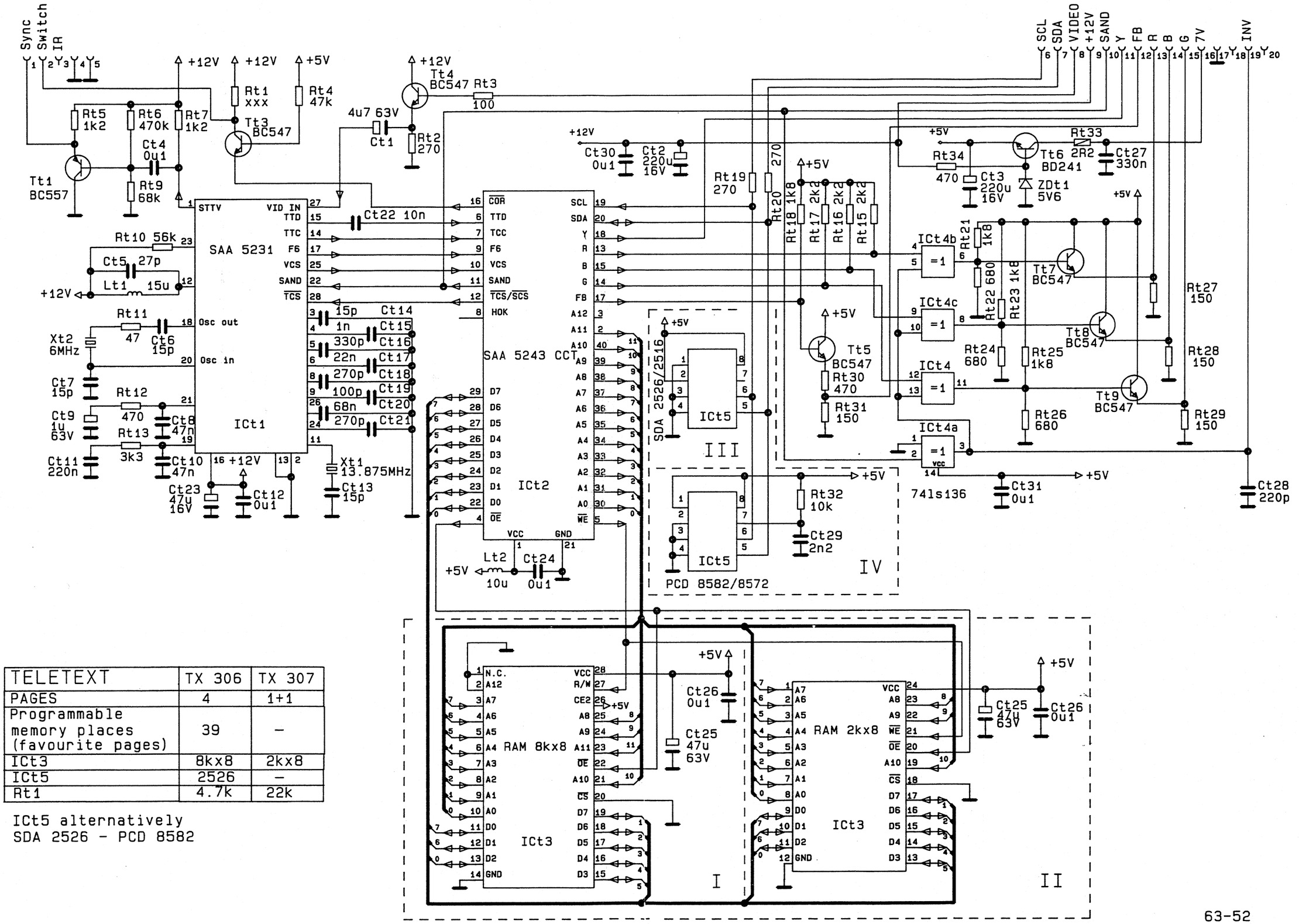


Bildröhren-Modul

LL 300 (727 013 5)



Anschluß-Modul



TELETEXT	TX 306	TX 307
PAGES	4	1+1
Programmable memory places (favourite pages)	39	–
ICt3	8kx8	2kx8
ICt5	2526	–
Rt1	4.7k	22k

ICt5 alternatively
SDA 2526 - PCD 8582

63-52

TX 306 (727 763 5) 4 Seiten

TX 307 (727 759 3) 2 Seiten